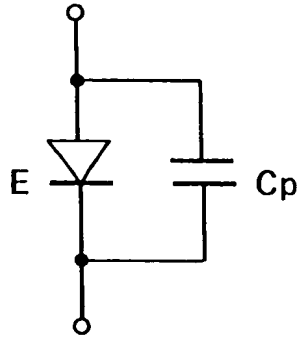
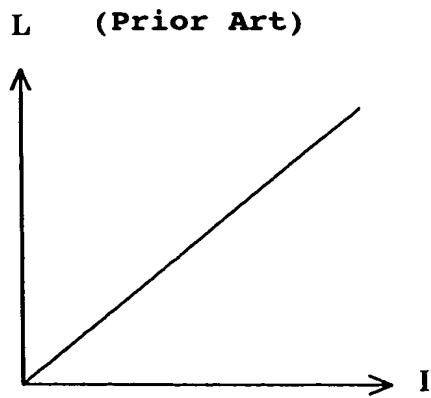


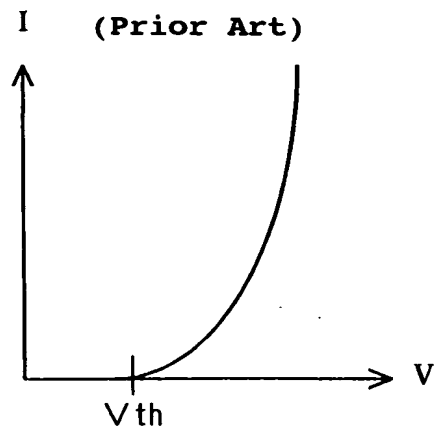
**FIG. 1** (Prior Art)



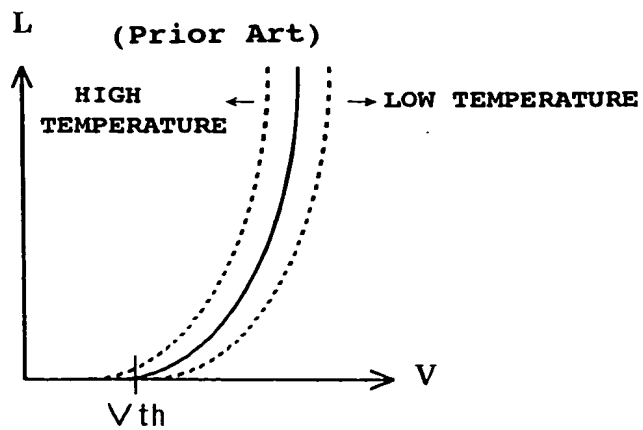
**FIG. 2A**



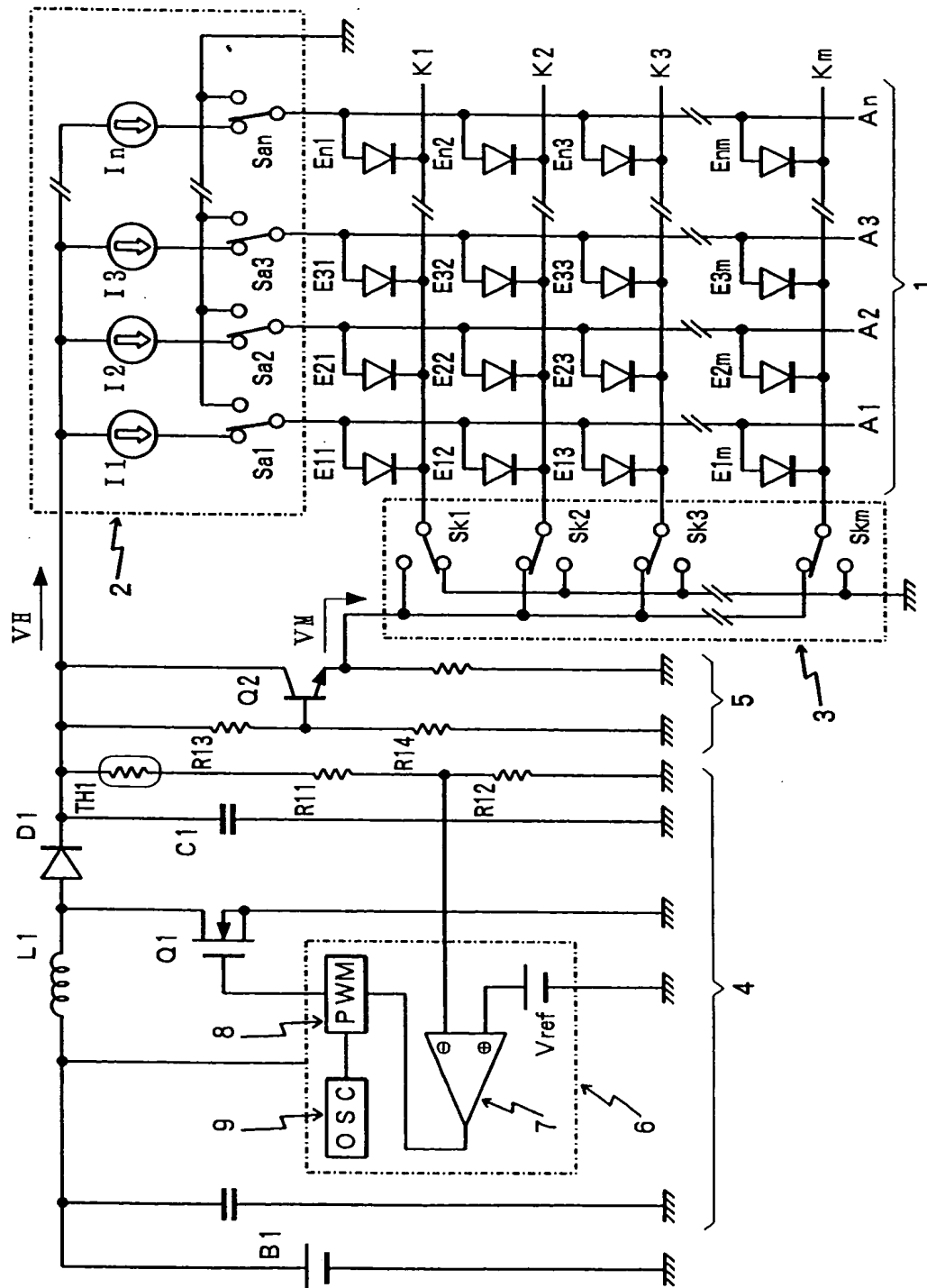
**FIG. 2B**



**FIG. 2C**



**FIG. 3** (Prior Art)



**FIG. 4**

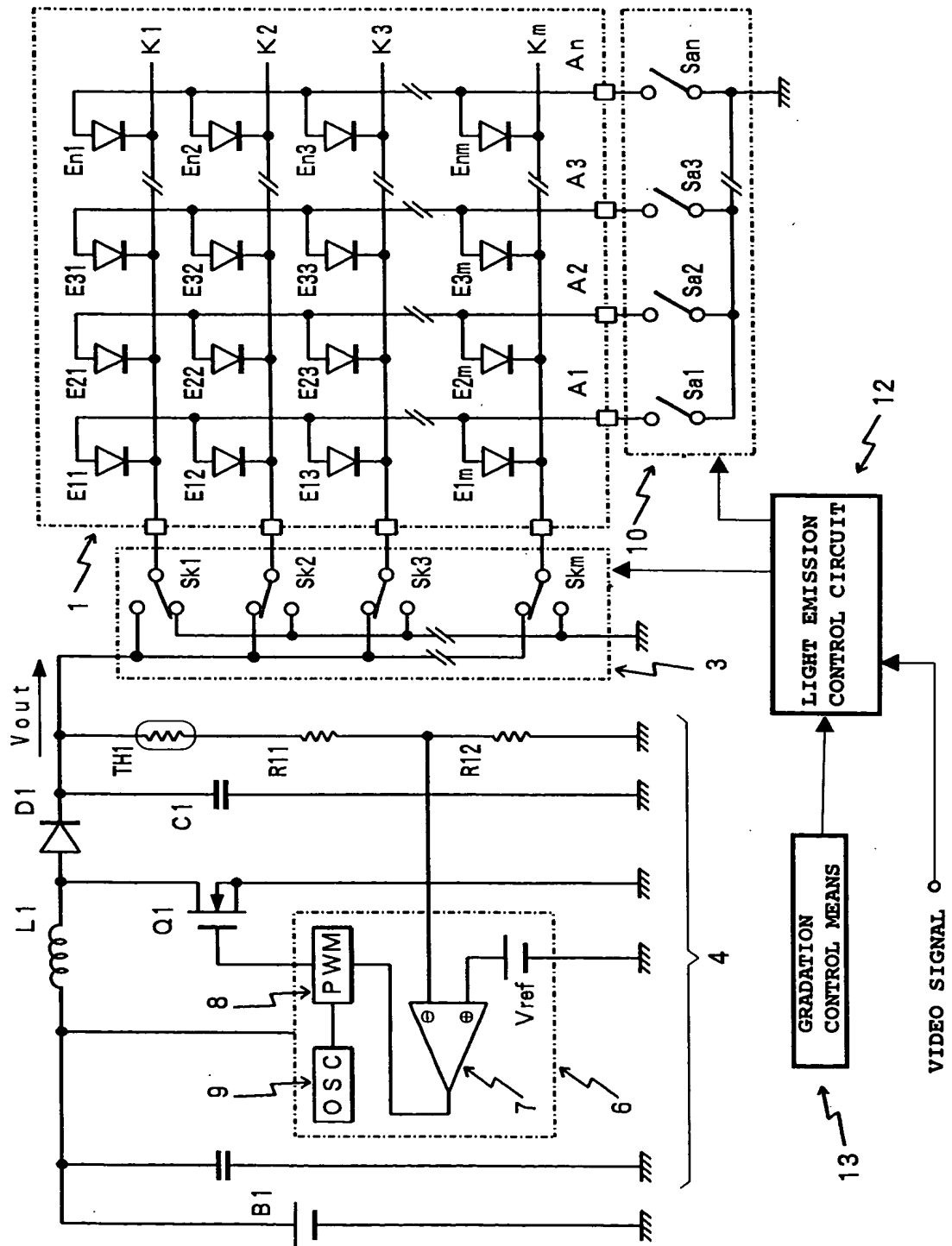


FIG. 5A

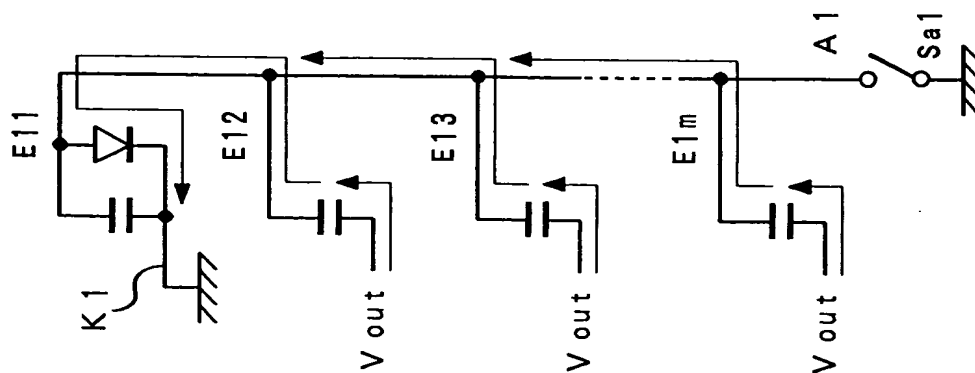


FIG. 5B

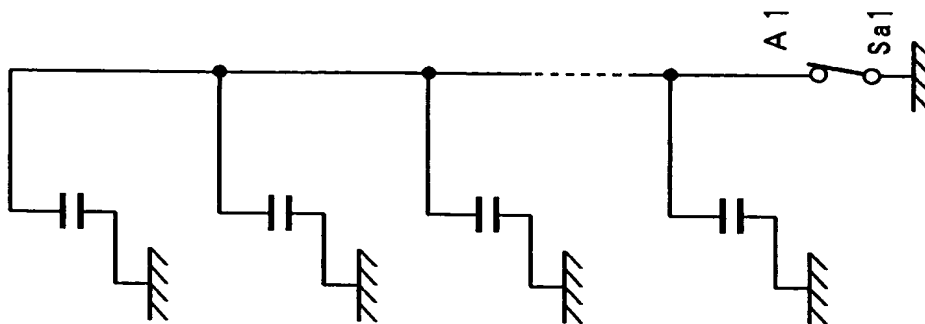


FIG. 5C

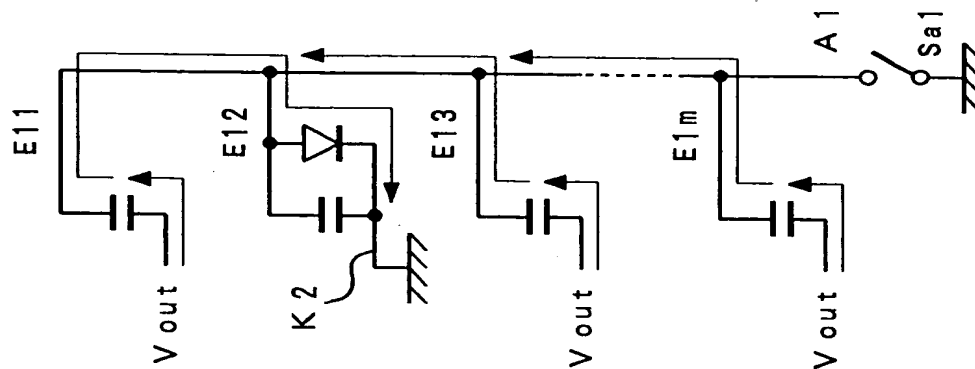
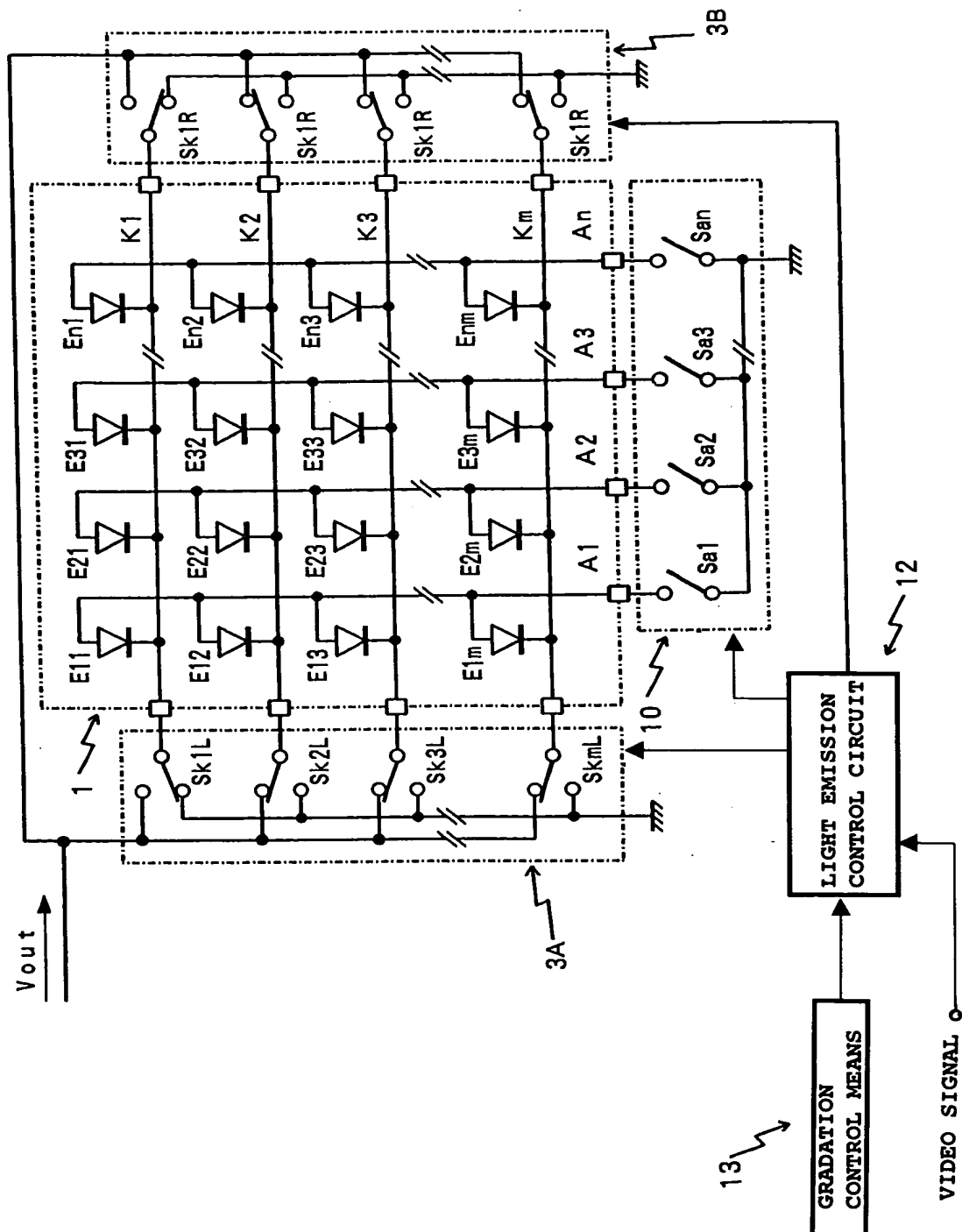
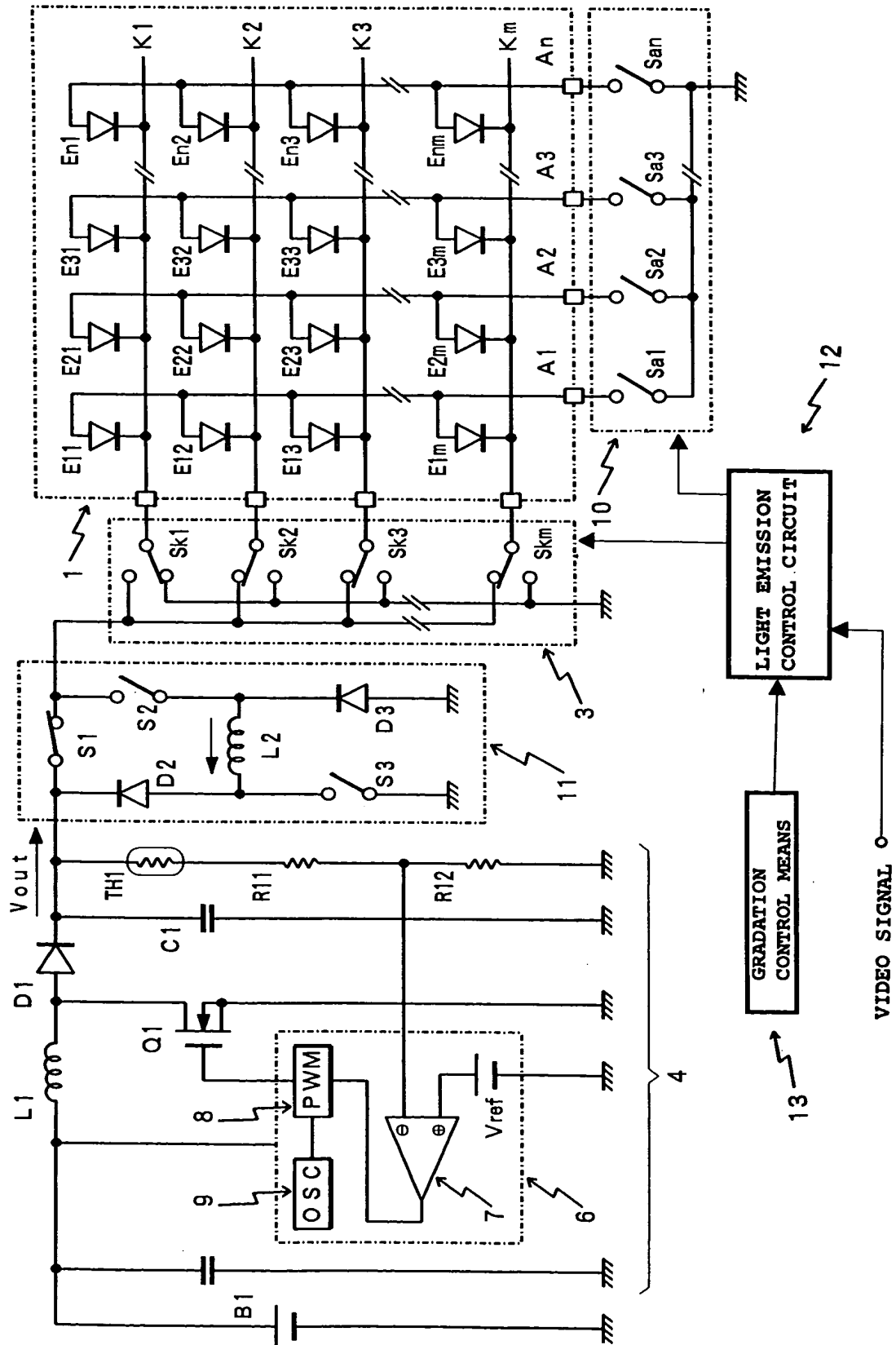


FIG. 6





**FIG. 8**

SEQUENCE	S1	S2	S3	Sk1	Sk2	Sk3	Sk m	Sa1	Sa2	Sa3	Sa n
1-1	ON	OFF	OFF	GND	Vout	Vout	Vout	OPEN	OPEN	OPEN	OPEN
1-2	OFF	ON	ON	Vout	Vout	Vout	Vout	GND	GND	GND	GND
1-3	OFF	OFF	OFF	Vout	Vout	Vout	Vout	GND	GND	GND	GND
2-1	ON	OFF	OFF	Vout	GND	Vout	Vout	OPEN	OPEN	OPEN	OPEN
2-2	OFF	ON	ON	Vout	Vout	Vout	Vout	GND	GND	GND	GND
2-3	OFF	OFF	OFF	Vout	Vout	Vout	Vout	GND	GND	GND	GND
3-1	ON	OFF	OFF	Vout	Vout	GND	Vout	OPEN	OPEN	OPEN	OPEN
3-2	OFF	ON	ON	Vout	Vout	Vout	Vout	GND	GND	GND	GND
3-3	OFF	OFF	OFF	Vout	Vout	Vout	Vout	GND	GND	GND	GND
m-1	ON	OFF	OFF	Vout	Vout	Vout	GND	OPEN	OPEN	OPEN	GND
m-2	OFF	ON	ON	Vout	Vout	Vout	Vout	GND	GND	GND	GND
m-3	OFF	OFF	OFF	Vout	Vout	Vout	Vout	GND	GND	GND	GND